

OKLAHOMA
AGRICULTURAL AND MECHANICAL COLLEGE
AGRICULTURAL EXPERIMENT STATION
DAIRY DIVISION
STILLWATER, OKLAHOMA

ADVANCED REGISTRY TESTING

By A. D. BURKE *and* P. C. MCGILLIARD



Circular No. 61.

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PRIMARILY Testing is the scientific method of finding out whether a cow returns a profit for care and feed, and, since the capacity to produce milk is inherited, testing is the breeder's only method of knowing what he may reasonably expect in his breeding work.

ADVANCED REGISTRY TESTING

GENERAL DISCUSSION

There are nine great dairy areas in the United States located around and bordering nine great cities: New York, Boston, Pittsburgh, Philadelphia, Louisville, Chicago, Detroit, Seattle and San Francisco. Yet, if one were to study a dairy map of the country he would find these could be grouped into three still larger areas, viz:

1. The eastern section of the United States.
2. The section along the Great Lakes.
3. The section along the Western Coast.

The remaining portion of the country while not chiefly a dairy section, nevertheless, contains a great many dairy cows which are continually increasing in number and in producing ability. In fact, in all localities of the United States, except those extremely arid regions where pasture land is scarce, the business of dairying has been rapidly advancing due chiefly to the stimulus given by dairy cattle testing.

Indeed, such emphasis has been laid on Advanced Registry Testing that a dairyman is not considered progressive or can be said to have valuable cattle unless at least part of his herd have produced a record sufficiently large to grant them entry into the Advanced Registry.

Due to the development which dairy cattle have received through good care, feeding, breeding, and management, it has become a relatively simple matter for any good animal to meet requirements for entry into the Advanced Register of its breed association and he is a poor dairyman who must claim that his stock is not up to the required standard.

Neither is the price of Advanced Registry testing prohibitive for the average cost per year amounts to little more than \$20.00 per head; however, this depends on a number of factors to be discussed later.

The business of cattle testing has gained ground so rapidly that in a number of states it is not only customary but absolutely imperative that a large force of testers be employed throughout the year. For example, during 1919 the Ohio State University, located at Columbus, Ohio, employed between 25 and 30 regular supervisors. In 1920, there were 247 herds on yearly test and the college employed between 70 and 80 supervisors. In addition the college supervised between 35 and 40 seven-day tests each month during the winter.

Likewise in the state of Oklahoma, Advanced Registry is coming to the front. Between the years 1916 and 1920 the number of breeders doing testing work averaged about one per year. After 1920 the number increased rapidly but decreased over the entire country in 1923 due to the drop in price of farm products. An increase was noted in 1925 and the future promises to show a much greater increase in Advanced Registry testing in this state.

Practically all of the testing work in Oklahoma has been done on Holstein-Friesian and Jersey herds. A very slight amount has been done on the Guernseys, and at present Ayrshires are on test in the college herd. Advanced Registry testing in Oklahoma, as in many other states, is still in its infancy; yet the advantages to be gained therefrom far exceed expectations.

In order to assist anyone in determining the nature of Advanced Registry Testing, the following pertinent questions and answers have been prepared:

1. Q. What is the Advanced Register?

- A. It is a book in which are listed all cows whose production has reached or exceeded a specified limit during a definite period, and all bulls having a specified number of daughters that have met the requirements.

2. Q. What is the object of Advanced Registry Testing?

- A. To improve dairy cattle in general, stimulate dairying in a community and increase the popularity of an established breed.

3. Q. On what is it based?

- A. It is based on the proven merit of the individual.
1. On the part of the cow, by production.
2. On the part of the bull, by potency.

4. Q. What is it called by the breed association?

- A. It is called "Advanced Registry" by
1. Ayrshire Breeders Association.
2. Holstein Friesian Association of America.
3. American Guernsey Cattle Club.
B. It is called "Register of Merit" by
1. American Jersey Cattle Club.
C. It is called "Register of Production" by
1. The Brown Swiss Cattle Breeders Association.
D. It is called "Record of Merit List" by
1. The American Shorthorn Breeders Association.

5. Q. To whom should one apply for information on Advanced Registry Testing?

- A. 1. Write to your state agricultural college, or
2. Write to the following Associations:
Ayrshire Breeders Association, Brandon, Vermont.
Brown Swiss Cattle Breeders Association, Beloit, Wisconsin.
American Guernsey Cattle Club, Peterboro, New Hampshire.
Holstein-Friesian Association of America, Delavan, Wisconsin.
American Shorthorn Breeders Association, 13 Dexter Park Ave., Chicago, Ill.
American Jersey Cattle Club, 324 W. 23d St., New York City.

6. Q. What kinds of tests are there?

- A. 1. Official test.
A test covering any number of consecutive days not less than seven, during which a supervisor is continually present. The test usually covers 7, 14, 30, 60, 90, 305, and 365 days.
2. Semi-Official Test.
A test covering a period of 305 days, or 365 days, during which time the supervisor is present for 1½ or 2½ days each month, depending upon the rules of the breed association. A complete record of every milking must be kept for the entire year by the dairymen, who must forward a monthly copy to the breed association.

7. Q. What is necessary to get started in testing?

- A. 1. The cow must be registered in the breed association herd book. They may or may not have been imported. The cost of registration amounts to from \$1.00 to \$10.00, depending on the breed association.
2. When the animal has been registered in the herd book, make application to the breed association for permission to test including the proper fee required.

The application must be accompanied by the proper fee as follows:
Association

Holstein-Friesian, \$2.00 per herd per year.

Jersey, \$5.00 per cow.

Ayrshire, \$5.00 to \$10.00 per cow.

Guernsey, \$10.00 per cow.

Brown Swiss, \$5.00 per cow.

Shorthorn, fee for entry, \$2.00; no charge with application to test.

3. At least two weeks before the cow is to go on test notify the state agricultural college in order that sufficient time may be allowed to secure a supervisor for the date on which it is desired to test.

8. Q. When can a dairyman begin a test?

- A. A test can be begun at the time specified below.

BREED	TIME AT WHICH TEST CAN BE BEGUN	
	OFFICIAL TEST	SEMI-OFFICIAL OR LONG TIME TEST
Holstein-Friesian	On the morning of the seventh day after calving, counting the day of calving as the first day.	The milk record may begin on the morning of the fourth day after calving. First monthly test, not earlier than the seventh day.
Jersey		The milk record may begin on the morning of the fourth day after calving. First monthly test, not earlier than the seventh day.
Guernsey		The seventh day after calving, counting the day of calving as the first day.
Ayrshire		As soon as practicable.
Brown Swiss		The fourth day after calving.
Shorthorn		Three or more days after calving.

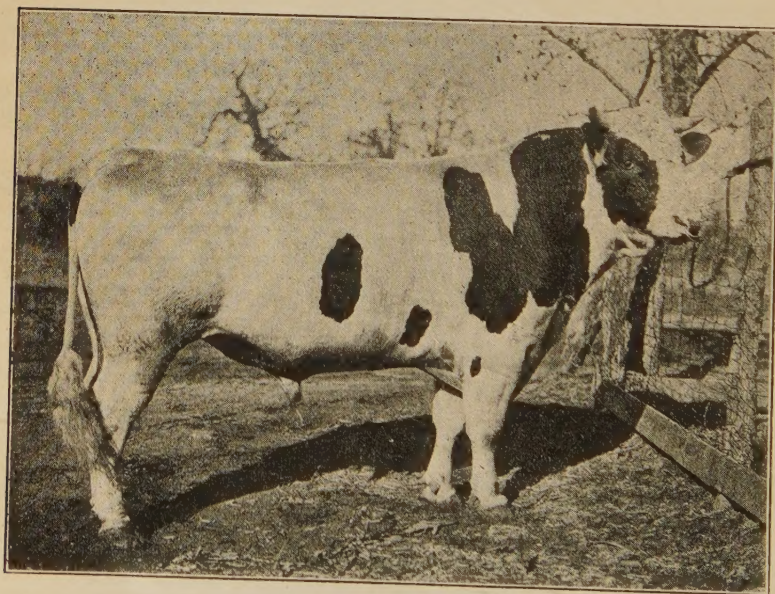
9. Q. What is the cost of Advanced Registry Testing?

- A. The expense of Advanced Registry Testing depends on the following factors, viz:

1. Number of cows on test.
2. Railroad fare to and from the farm.
3. Number of breeders having tests in the vicinity who share in the expense.
4. Value placed on room and board of supervisors.
5. Conveyance of supervisor to and from the farm.
6. Fees charged by colleges for work. Some colleges make a flat rate to cover the total test period while others charge a certain amount per day in addition to the supervisor's general expenses. As a general rule the expenses of testing amount to about \$20.00 to \$50.00 per cow per year.



Willowmoor Dolly 38073
A typical Ayrshire cow



Segis Nig DeKol 155147
Good bulls improve our herds

10. Q What should a dairyman furnish for Advanced Registry Testing?

A. He should furnish the following:

1. A Babcock Tester.
2. Sulphuric acid.
3. Two milk pails.
4. Scales.
5. Conveyance and board and room for the supervisor.
6. A place for testing.

It is also advisable for the dairyman to furnish sample bottles in case composite samples are required.

11. Q. What does the association furnish?

A. The association furnishes the following:

1. Blank forms for making application to test.
2. Blank forms on which to keep monthly milk records of dairy cattle.
3. All report blanks used by the supervisor.

12. Q. What does the college furnish?

A. The college furnishes the following:

1. A supervisor for making the tests.
2. A strong box, furnished with padlock, in which to keep samples.
3. Glassware for use in making tests.

13. Q. What is a supervisor?

A. A supervisor is an official especially appointed by the state agricultural college to supervise the proper conduct of the tests.

14. Q. What are the duties of the supervisor at the farm?

A. The duties of the supervisor are as follows:

1. To identify and make sure that the cow on test is the one reported to the breed association by the dairyman.
2. To follow "to the letter" the stipulated rules of the breed association for the conduct of the test.
3. To see that the cow is properly milked at each and every milking, starting with the preliminary dry milking.
4. To take samples of each milking and make fat determinations.
5. To weigh the milk after each milking and properly record it.
6. To make out all reports.
7. To report all cows which because of excess production require a retest.

15. Q. What are the duties of the dairyman?

A. The duties of the dairyman are as follows:

1. To see that the supervisor is properly cared for.
2. To promptly send to the college or breed association all reports required.
3. To promptly pay all bills for supervisors.
4. To keep such records as he is required to keep.

16. Q. How many cows can be placed on test at one time..

A. Any number of cows can be placed on test at one time.

17. Q. How many cows can be supervised by a supervisor during a test period?

A. The following number of cows can be supervised by a supervisor during a test period:

6 cows milked 4 times daily.

8 cows milked 3 times daily.

15 cows milked 2 times daily.

From this it would follow that a dairyman having more than the above number of cows on test at one time would either:

1. Have to employ more than one supervisor or,

2. Have to run the test longer.

18. Q. How many cows is a supervisor permitted to watch being milked at one time?

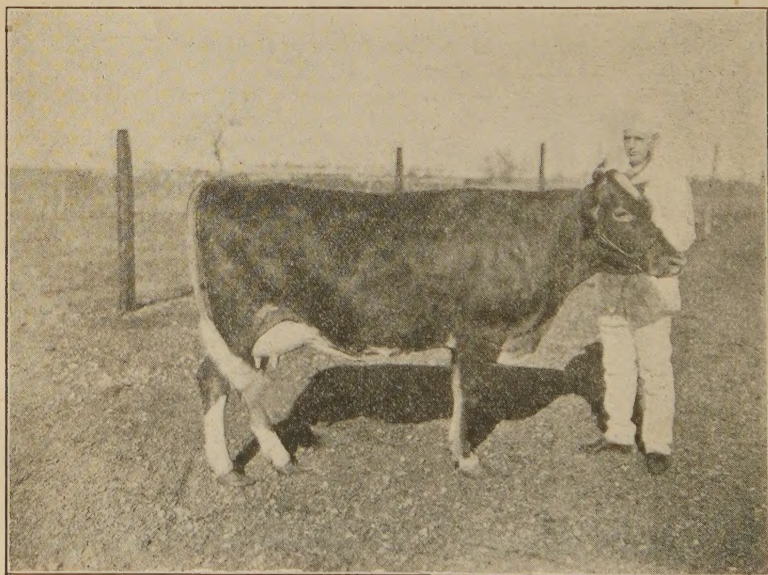
A. A supervisor is permitted to watch one cow only being milked at a time.

19. Q. How is the age of a cow computed?

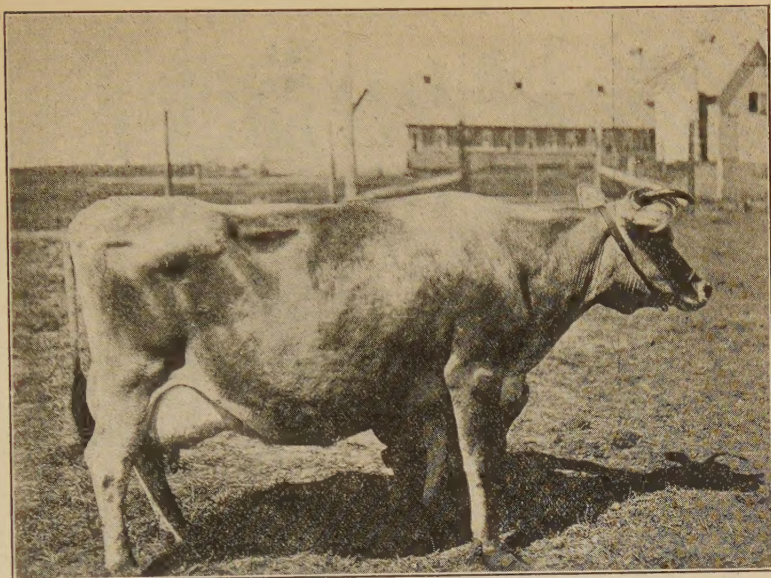
A. The age of the cow is computed by the following method: Consider thirty days a month. If a cow was born October 25, 1918, and dropped her last calf previous to the test on November 6, 1921; her age would be as follows:

Year	Month	Day
1921	11	6
1918	10	25
3	0	11

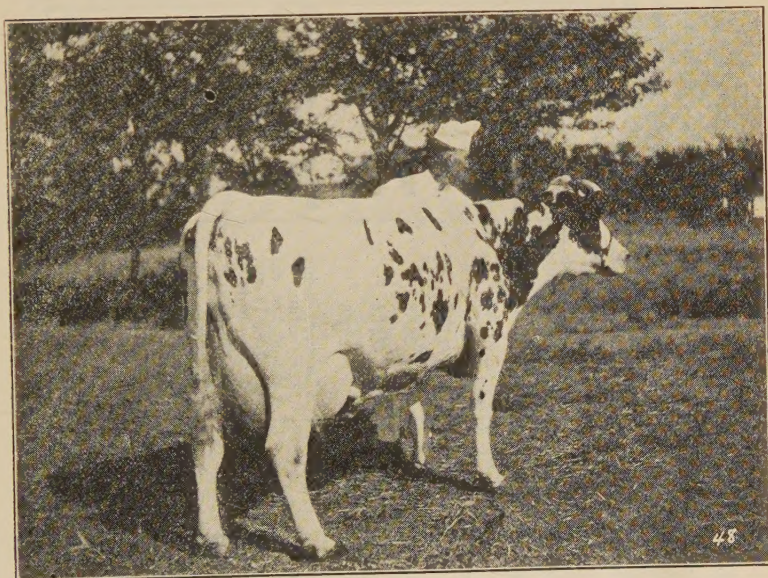
It will be noticed from the above that the cow's age is three years, no months, and eleven days. Thus it will be seen that the age of a cow is based on the time elapsing from her birth to the beginning of each lactation period.



Noble Regent's Beauty 114076
A state record Guernsey cow



Nora Romp's Carnation 359409
Type and production combined



Rosa Segis Johanna 446097
The highest butterfat producer in Oklahoma

21. Q. What are the requirements for entry of a cow into the Advanced Register?

A. The requirements for admission to the Advanced Register are as follows:

Requirements for Admission to the Advanced Registry

BUTTERFAT REQUIRED IN POUNDS FOR THE FOLLOWING BREEDS:

Age of Cow, Yrs.	JERSEY				HOLSTEIN			GUERNSEY		
	305 Day or 10 Month Requirement Class		Year's Requirement Class		7 day requirement	305 day requirement—10 months	Year's requirement	305 day Requirement Farmer's Class	Year's requirement Class	
	A	AAA	A	AA					Single Letter	Double Letter
2	250.5	250.5	290.5	290.5	10	270.3	318	250.5	290.5	290.5
3	287.0	287.0	327.0	327.0	12	316.2	372	287.0	327	327
4	323.5	323.5	363.5	363.5	14	362.1	426	323.5	363.5	363
5	360.0	360.0	400.0	400.0	16	408.0	480	360.0	400	400
Calf requirements	None	Dropped living calf within period not exceeding 14 mo. from previous calving	None	Dropped living calf within period not exceeding 16 mo. from previous calving	None	Dropped living calf within period not exceeding 14 mo. from previous calving	None	Must carry a calf for 205 days of her record	None	Must carry a calf for 265 days of her record
Increase in fat requirements	.1 lb. per day for each day age exceeds 2 yrs. up to 5 yrs.				.00548 lbs. fat for each day cow is over 2 yrs. of age	The above figures represent 85% of the year's requirements	.1479 lbs per day for each day age exceeds 2 yrs. up to 5 yrs.	.1 lb. per day for each day age exceeds 2 yrs. up to 5 yrs.		

Requirements for Admission to the Advanced Registry

MILK AND BUTTERFAT REQUIREMENTS IN POUNDS FOR THE FOLLOWING BREEDS:

Age of cow in years	AYRSHIRE		BROWN SWISS		SHORTHORN	
	305 day or 10 month requirement Roll of Honor Class Lbs. Fat	HERD TEST Year's Requirement Cow must produce both fat and milk stipulated below Lbs. Fat Lbs. Milk	305 day or 10 month require- ment Lbs. Fat	Year requirement Lbs. Fat	Year requirement Cow must produce either the fat or milk stipulated below Lbs. Fat Lbs. Milk	
2	256	6400	192	4,800		
2½	280	7000	210	5,250	210	5250
3	304	7600	228	5,700	228	5799
4	352	8800	264	6,600	246.5	6894
5	400	10000	300	7,500	300	8000
5½						
Calf require- ments	Must produce a living calf within 400 days of the start of the test period	Must produce a living calf within 400 days of the date of previous freshening	Dropped living calf within a period not ex- ceeding 14 mos. from previous calving	None		None
Increase in fat and milk re- quirements	For each month over 2 yrs. of age 100 lbs. of milk and 4 lbs. of fat	For additional information, write the association.	.1 lb. per day for each day age ex- ceeds 2½ yrs. up to 5½ yrs.		.1 lb. per day 3 lbs. per day for each day for each day age exceeds age exceeds 2½ yrs. up to 2½ yrs. up to 5 yrs. 5 yrs.	

22. Q. What is a re-test?

- A. When a cow exceeds certain specified requirements for fat production during any monthly two-day test, a second test must be run usually within 10 to 15 days from the completion of the previous test.

Requirements for Re-test

If cow exceeds the following production in a two-day test

BREED	Two year class		Three year class		Four year class		Aged class 5 yrs. and over
	Jr. 2 yr. lbs. fat	Sr. 2 yr. lbs. fat	Jr. 3 yr. lbs. fat	Sr. 3 yr. lbs. fat	Jr. 4 yr. lbs. fat	Sr. 4 yr. lbs. fat	lbs. fat
*Holstein in test begun not earlier than 30 days from freshening	4.2	4.6	5.0	5.4	5.8	6.0	6.2
Jersey for any month	4.0	4.4	4.8	5.2	5.6	5.8	6.0
Guernsey for any month except the 1st	4.2	4.4	4.6	4.8	5.0	5.2	5.4
Ayrshire for any month except the 1st	105 lbs. milk or 4.2 lbs. fat		120 lbs. milk or 4.8 lbs. fat		135 lbs. milk or 5.4 lbs. fat		150 lbs. milk or 6.0 lbs. fat

*Additional requirements for cows started on test within 45 days to 7 months from freshening.

23. Q. What is a verification test?

- A. A verification test, so called by the Holstein Association, is a constant watch test made on a cow which has made excessive production. In a verification test the cow is constantly under supervision, one supervisor alternating with the other in "standing guard" over the cow. A verification test is made in connection with an official test of a Holstein cow.

24. Q. What are the requirements for entry of a bull into the Advanced Register?

- A. The requirements for entry of a bull into the Advanced Register are based on the number of daughters that have qualified for and have been admitted to the Advanced Register. For the different breeds this is as follows:

BREED	Number of daughters a bull must have in the Advanced Register in order to be himself admitted
Holstein	4 either A. R. O. or A. R. S. O. or a combination of the two.
Jersey	3, out of different dams.
Guernsey	2, daughters.
Ayrshire	4, out of different dams.
Brown Swiss	3, out of different dams.
Shorthorn	2, daughters.

25. Q. What is the fee for registering a bull?

- A. The charge for the registration of a bull in the Advanced Register of the different breed associations ranges from nothing to \$5.00.

26. Q. What is done after a test is made?

- A. As soon as a test is completed the reports of the test are sent to the college by the supervisor, together with a statement of his expenses. The supervisor's expense account is then sent to the dairyman who pays the supervisor by check through the college, the check being made out to the college, as it is against the regulations of all associations for the dairyman to pay the supervisor direct. A dairyman who is delinquent in paying his bill is subject to the law and the amount can be collected by the breed association. All reports of the test received by the college are signed by the officer in charge of Advanced Registry and sent to the breed association.

ADVANTAGES OF ADVANCED REGISTRY TESTING

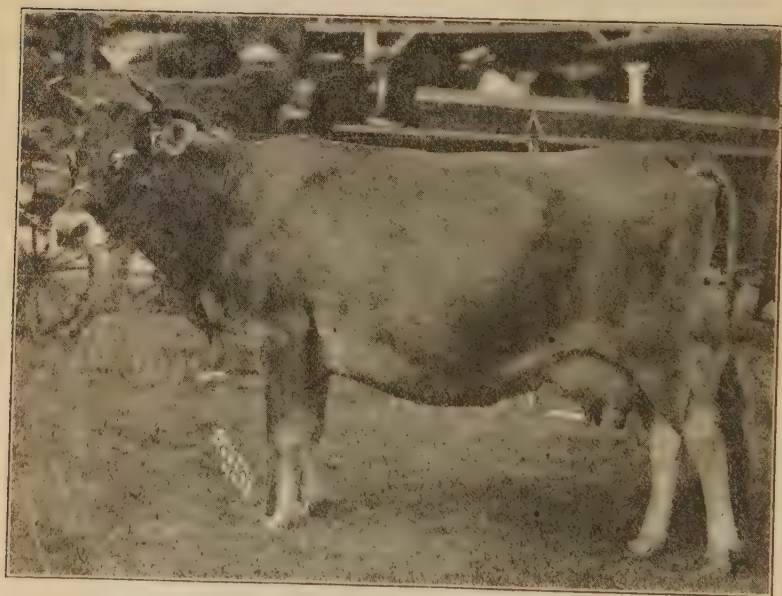
Are there any advantages to be derived from testing and does it really pay, are questions which come continually to the mind of the pioneer in testing work. Those who have already been in the game no longer doubt its practicability and the advantages to be derived therefrom. To go into a thorough discussion of the advantages to be derived would require a large space and for that reason they will only be summarized here. They should, in fact, be self-evident and need no discussion. They are as follows:

Advantages of Testing

1. Dairymen can dispose of their stock at higher prices.
2. A cow which has made an official record commands a higher price than one which has never been put on test.
3. Official testing makes it possible for a dairyman to demonstrate to the public the value of his cattle.
4. Breeders will pay for the records that are back of every animal which has successfully passed an official test.
5. The dairyman is enabled to select his breeding stock intelligently.
6. It builds up the reputation of a dairyman.
7. It stabilizes the reputation of a dairyman.
8. It increases the value of a cow's off-spring.
9. The people accept an official test record unquestionably.
10. It advertises the herd. Easier sales and better prices can be obtained by the dairyman who has official cows in his dairy.
11. It builds up dairying in a community.
12. It makes the dairyman a better business man and teaches him the value of keeping records on all his farm operations.
13. It teaches the dairyman the proper management and care of his cattle.
14. It enables the dairyman to cull his herd intelligently.
15. It eliminates the boarder cow.
16. The suggestions of the supervisor who makes tests are of great value to the inexperienced breeder.
17. It increases the popularity of a breed in a community.
18. It gives the dairyman a chance to win prize money offered by the breed association for high records.
19. It enables the dairyman to make a bigger income.
20. It gives the dairyman an opportunity to keep more stock on his farm.
21. It advertises the dairyman and his herd all over the country.
22. It builds up cooperation among dairymen in a community.
23. Primarily, testing is the scientific method of finding out whether a cow returns a profit for care and feed, and, since the capacity to produce milk is inherited, testing is the breeder's only method of knowing what he may reasonably expect in his breeding work.



Melline's Lass 259010
Note the well balanced udder



Nobleman's Pretty Fern
A cow of quality and production

; CHAMPIONS OF OKLAHOMA

Ayrshire

Records to January 1, 1926

NAME AND REGISTRATION NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Willowmoor Dolly 38073	Class A— Oklahoma A. and M. College, Stillwater	9-1-25	11533	424.76
Aldebaran Dewdrop 64534	Class E— Oklahoma A. and M. College, Stillwater	3-5-6	7206	310.17

Guernsey

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Beckers Dutches of Oak Ridge 72184	Class A— Mort Woods, Ardmore	5-11	9758.1	443.51 (1924)
Iairests Betty of Edgewood 70002	Class B— Mort Woods, Ardmore		8425.9	404.04 (1923)
Noble Regents Beauty 114076	Class F— Oklahoma A. and M. College, Stillwater	2-6	12209.7	544.16 (1923)
Wishful's Ardmoreite 99528	Class G— Mort Woods, Ardmore		7686.9	421.04

Holstein-Friesian

7 Day Division

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Rosa Segis Johanna 446097	Mature Class— Oklahoma A. and M. College, Stillwater	5-0-3	692.9	27.16
Fearless Bessie Pontiac 401937	Senior Four Year Class— Mrs. J. C. Pontius, Yukon	4-7-12	461.1	16.26
Win-A-Home De Kol Homestead 828453	Junior Four Year Class— C. E. Griffith, Big Cabin	4-1-28	512.3	19.32
Lady Homestead Artis Sadie Vale 614735	Senior Three Year Class— D. C. Bostwick, Ardmore	3-10-26	410.1	18.03
Walulu Jane 512311	Junior Three Year Class— Mrs. J. C. Pontius, Yukon	3-4-19	454.7	20.14
Piebe Segis Pontiac 858451	Senior Two Year Class— C. E. Griffith, Big Cabin	2-7-11	550.8	17.81
Mount Riga Piebe Segis 920635	Junior Two Year Class— C. E. Griffith, Big Cabin	2-5-3	386.7	14.99
Fancher Farm Princess Pauline 366227	Senior Yearling Class— W. H. Byron, Bartlesville	1-9-29	335.4	13.27

STATE CHAMPIONS OF OKLAHOMA

Holstein-Friesian

Records to January 1, 1926

365 Day Division

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Parthenica Mercedes Piebe 372703	Mature Class— Bureau of Animal Industry, Woodward	5-11-7	21485.2	771.74
Terra Finna Ormsby Iris 439839	Senior Four Year Class— Bureau of Animal Industry, Woodward	4-8-6	19419.0	761.79
Appleton De Kol Pet 602713	Senior Three Year Class— Bureau of Animal Industry, Woodward	3-6-25	16405.1	570.43
Win-A-Home Clothilde Homestead 828455	Junior Three Year Class— C. E. Griffith, Big Cabin	3-3-15	19513.8	672.40
Irene Pontiac Shadeland 261978	Senior Two Year Class— Oklahoma A. and M. College, Stillwater	2-7-11	13321.1	501.76
Lady Hengerveld Segis Piebe 663911	Junior Two Year Class— Bureau of Animal Industry, Woodward	2-5-8	16458.0	584.04

305 Day Division

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Aranza Homestead Vale 303162	Mature Class— Wendell Emmons, Marlow	7-6-12 (cc239d)	14309.6	427.63
Roe Hall Bessie Polkadot 548504	Senior Four Year Class— J. M. Kennedy, El Reno	4-6-24 (cc237d)	14946.9	487.93
Roe Beauty Korndyke 586326	Junior Three Year Class— D. F. Krause, Dustin	3-5-0 (cc192d)	13336.6	478.03
Canary De Kol Grace Johanna 660194	Junior Two Year Class— Oklahoma A. and M. College, Stillwater	2-2-23 (cc212d)	9568.1	347.79

Jersey

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Knights Annabell Courtess 510173	Class 1—Cows Under Two Years— J. M. Kennedy, El Reno	1-10	7792	429.58
Cramwood Marion 490028	Class 2—Junior Two Year Old— Dr. H. C. Groff, Cushing	2-1	9587	475.17
Napoleon's Rose Fern 327146	Class 3—Senior Two Year Old— Oklahoma A. and M. College, Stillwater	2-6	11220	611.46
Cramwood Marion 490028	Class 4—Junior Three Year Old— Dr. H. C. Groff, Cushing	3-5	11295.0	578.65
Oxford's Louise of Anotok 516357	Class 5—Senior Three Year Old— Dr. H. C. Groff, Cushing	3-8	11653.0	661.47
Mon Plaisirs Babina 576321	Class 6—Junior Four Year Old— S. H. Bell, El Reno	4-4	11648.0	533.10
Oxford's Mary Rosette 452127	Class 7—Senior Four Year Old— S. H. Bell, El Reno	4-9	13321	628.93
Rose Fern Elner 268529	Class 8—Over Five Years Old— Oklahoma A. and M. College, Stillwater	5-5	12931.8	662.79

OKLAHOMA RECORDS

Ayrshire

Advanced Register

Records to January 1, 1925

NAME AND REGISTRATION NUMBER

OWNER

Age

Lbs. Milk

Lbs. Fat

Willowmore Dolly 38073

Class A—

Oklahoma A. and M. College, Stillwater

9-1-25

11533

424.76

Aldebaran Dewdrop 64534

Class B—

Oklahoma A. and M. College, Stillwater

3-5-6

7206

310.17

Guernsey

NAME AND H. B. NUMBER

OWNER

Age

Lbs. Milk

Lbs. Fat

Peckers Duchess of Oak Ridge 72184

Class A—

Mort Woods, Ardmore

5-11

9738.1

443.51
(1924)

Fairest Betty of Edgewood 70002

Class B—

Mort Woods, Ardmore

6-1

9128.1

416.10
(1924)

Bonnie of Edgewood 61232

Class B—

Mort Woods, Ardmore

8339.4

389.43

Fairest Betty of Edgewood 70002

Class B—

Mort Woods, Ardmore

8425.9

404.04

Noble Regents Beauty 114076

Class F—

Oklahoma A. and M. College, Stillwater

2-6

12209.7

544.16

Wishful's Ardmore 99528

Class G—

Mort Woods, Ardmore

7686.9

421.04

A. R. COWS WITH RECORDS MADE IN OKLAHOMA

Holstein-Friesian

Records to January 1, 1925

365 Day Division

NAME AND H. B. NUMBER	Mature Class—	Age	Lbs. Milk	Lbs. Fat
Parthena Marcedes Piebe 372703	Bureau of Animal Industry, Woodward	5-11-7	21485.2	771.74
Rosa Segis Johanna 446097	Oklahoma A. and M. College, Stillwater	5-03	20434.5	729.51
Empress Wayne Gerben 253907	Oklahoma A. and M. College, Stillwater	7-1-13	26658.3	707.58
Corona Korndyke Julina 2d 262735	John Vaughn, Stillwater	5-10-26	21050.2	656.02
Berger Farm Lyndora De Kol 302657	C. E. Kayser, Bartlesville	7-5-26	19180.5	634.72
Alcartra Fayne 2d 308123	Bureau of Animal Industry, Woodward	8-0-17	18768.4	598.13
Empress Wayne Gerben 253907	Oklahoma A. and M. College, Stillwater	8-11-13	22258.0	540.59
Berger Farm Shannon De Kol 302656	Miles Berger, Bartlesville	7-5-24	17480.0	540.59
Terra Finna Princess 383506	Bureau of Animal Industry, Woodward	5-9-28	13783.7	481.53
Prairie Mound Buttercup De Kol 432898	C. E. Kayser, Bartlesville	5-8-27	12314.0	445.24
Berger Farm Drusia De Kol 302655	Miles Berger, Bartlesville	6-7-14	12142.5	404.19
Irma Grace Charline Canary 388224	Oklahoma A. and M. College, Stillwater	6-0-5	12478.5	407.51
Terra Finna Ormsby Iris 439839	Senior Four Year Class— Bureau of Animal Industry, Woodward	4-8-6	19419.0	761.79
Genevieve Baker De Kol 352555	Oklahoma A. and M. College, Stillwater	4-7-2	14609.9	488.99
Appleton De Kol Pet 602713	Senior Three Year Class— Bureau of Animal Industry, Woodward	3-6-25	16405.1	570.43
Buttergirl Ormsby Mercedes 583516	Bureau of Animal Industry, Woodward	3-6-20	15042.0	542.17
Appleton Johanna Rue 574402	Bureau of Animal Industry, Woodward	3-7-19	16643.3	507.35
Irma Grace Charline 261977	Oklahoma A. and M. College, Stillwater	3-8-20	12783.9	462.22
Carolina Segis De Kol Pontiac 663910	Junior Three Year Class— Bureau of Animal Industry, Woodward	3-4-0	15274.3	570.42
Rose Beauty Korndyke 586326	D. F. Krause and Sons, Dustin	3-5-0	14678.5	531.77
Genevieve Baker De Kol 352555	Oklahoma A. and M. College, Stillwater	3-1-28	13519.7	448.22
Prairie Mound Buttercup De Kol 2d 526796	C. E. Kayser, Bartlesville	3-2-19	12056.3	401.08
Irene Pontiac Shadeland 261978	Senior Two Year Class— Oklahoma A. and M. College, Stillwater	2-7-11	13321.1	501.76
Lady Hengerveld Segis Piebe 663911	Junior Two Year Class— Bureau of Animal Industry, Woodward	2-5-8	15458.0	584.04
Ruth Segis Hengerveld De Kol 567727	I. M. Kennedy, El Reno	2-1-15	10879.7	409.98
Canary De Kol Grace Johanna 660194	Oklahoma A. and M. College, Stillwater	2-2-22	10080.6	368.83

305 Day Division

NAME AND H. B. NUMBER	Mature Class—	Age	Lbs. Milk	Lbs. Fat
Aranza Homestead Vale 303162	Wendell Emmons, Marlow	7-6-12	14309.6	427.63
Clothilde Echo Pontiac Beets 436793	Senior Four Year Class— D. F. Krause and Sons, Dustin	4-10-21	14403.2	424.57
Rose Beauty Korndyke 586326	Junior Three Year Class— D. F. Krause, Dustin	3-5-0	13336.6	478.03
Irma Grace Charline Johanna 406260	Oklahoma A. and M. College, Stillwater	3-1-21	8825.5	298.23

A. R. COWS WITH RECORDS MADE IN OKLAHOMA

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305 Day Division

NAME AND H. B. NUMBER

OWNER

Junior Two Year Class—

Age

Lbs. Milk

Lbs. Fat

2-2-23
(cc212d)

347.79

Canary De Kol Grace Johanna 660194 Oklahoma A. and M. College, Stillwater

7 Day Division

NAME AND H. B. NUMBER

OWNER

Age

Lbs. Milk

Lbs. Fat

5-0-3

27.16

6-0-12

19.49

5-0-20

17.49

6-6-3

17.15

5-2-23

17.03

5-10-29

16.96

5-3-7

16.30

6-0-20

16.20

6-7-7

15.42

8-5-8

15.28

5-7-13

15.14

10-10-13

14.95

6-1-13

14.24

10-1-16

13.96

7-6-12

13.48

6-2-16

13.75

5-4-23

13.16

6-1-14

13.06

5-8-22

12.68

7-4-14

12.66

7-5-20

12.31

8-11-6

12.12

6-8-11

12.12

9-7-14

12.05

4-7-12

16.26

4-10-24

15.17

4-10-8

15.01

4-10-2

14.36

4-10-8

13.80

4-6-23

13.66

Mature Class—

Oklahoma A. and M. College, Stillwater

C. E. Griffith, Big Cabin

O. B. Toalson, Bartlesville

W. H. Byron, Bartlesville

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

D. C. Bostwick, Ardmore

Ross Grosshart, Tulsa

O. B. Toalson, Bartlesville

J. M. Kennedy, El Reno

W. H. Byron, Bartlesville

Tulsa County Farm, Tulsa

Ora Royse, El Reno

Tulsa County Farm, Tulsa

W. Emmons, Stillwater

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

Prairie Mound Farm, Bartlesville

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

Tulsa County Farm, Tulsa

Senior Four Year Class—

Mrs. J. C. Pontius, Yukon

O. B. Toalson, Bartlesville

J. M. Kennedy, El Reno

George Flesner, Stillwater

O. B. Toalson, Bartlesville

George Flesner, Stillwater

Rosa Segis Johanna 446097

Blanche De Kol Korndyke Nudine 444596

Oklahoma Fayne Abbecker 278777

Bell Artis Eldora 388623

K. S. P. Beets Lillian 385213

Pauling Susie Fayne Pietertje 245621

Josephine Ormsby Pontiac 360562

Longfield Ybna De Kol 392063

Lady Cream 2d 194735

Maid Pontiac Korndyke 308095

Snowflake Pontiac Beets 212478

Dijkstra Artie De Kol 2d 153924

Eileen Nudine De Kol 226731

Netherland Aggie De Kol Artis 2d 178220

Aranza Homestead Vale 303162

Sunny Mable Butter Girl 2d 322649

May Belle Josephine 217326

Loyalsock Fayne Abbecker 196935

Grace Josephine Fayne De Kol 203310

Belle Ramona Homestead 178877

Berger Farm Lyndora De Kol 302657

Lady Josephine Oakfield 2d 154085

Oklahoma Daisy De Kol 203311

Princess De Kol Statesman 201848

Fearless Bessie Pontiac 401937

Oklahoma Sylvia 502897

Mutual Model Belle Vale 472988

Lady Mechthilde Pet Corde 368186

Pauling Susie Fayne Pietertje 245621

Rachel Johanna De Vries 554253

Aaggie Artis Abbecker Pontiac 458283

Junior Four Year Class—

Mrs. J. C. Pontius, Yukon

O. B. Toalson, Bartlesville

O. B. Toalson, Bartlesville

C. E. Griffith, Big Cabin

4-2-18

438.5

4-2-9

521.5

4-5-12

468.8

A. R. COWS WITH RECORDS MADE IN OKLAHOMA

Holstein-Friesian
Records to January 1, 1925

NAME AND H. B. NUMBER		7 Day Division		Age	Lbs. Milk	Lbs. Fat
OWNER						
Oklahoma Fayne Abbecker 278777	O. B. Toalson, Bartlesville	4-0-5	438.9	15.72		
Mutual Model Vale 472988	J. M. Kennedy, El Reno	4-0-4	401.8	15.60		
Oklahoma Fayne Klaver 303825	O. B. Toalson, Bartlesville	4-2-20	326.7	15.12		
Lady Homestead Mapierest 560817	D. C. Bostwick, Ardmore	4-1-2	419.8	14.86		
LSP Lily Hengerveld 322855	D. C. Bostwick, Ardmore	4-4-27	455.7	14.45		
Inez Johanna Fayne 584055	W. H. Byron, Bartlesville	4-1-7	489.2	13.88		
Oklahoma Sylvia 502897	D. C. Bostwick, Ardmore	4-0-0	426.6	13.16		
Leeza Nig De Kol 277038	O. B. Toalson, Bartlesville	4-0-12	405.9	12.60		
	O. B. Toalson, Bartlesville	4-0-19	344.2	11.27		
Senior Three Year Class—						
Lady Homestead Artis Sadie Vale 614735	D. C. Bostwick, Ardmore	3-10-26	410.1	18.03		
Oklahoma Ann Fayne Parthenia 303828	O. B. Toalson, Bartlesville	3-6-13	490.1	15.10		
Netherland Pontiac Cornelia 727398	Ross Grosshart, Alsuma	3-9-0	401.6	14.76		
Oklahoma Colantha Josephine 343441	O. B. Toalson, Bartlesville	3-11-16	416.8	14.57		
Mensell Evelyn Pontiac 649696	O. B. Toalson, Bartlesville	3-9-20	480.2	14.32		
Fearless Bessie Pontius 401937	Mrs. J. C. Pontius, Yukon	3-9-4	387.6	14.20		
De Kol Frysian Ollie 458285	Mrs. J. C. Pontius, Yukon	3-9-1	380.9	13.81		
Alsuma Wamabrese Yuma 452237	Ross Grosshart, Tulsa	3-6-26	391.4	13.37		
Yukon Homestead Pauline 502080	Mrs. J. C. Pontius, Yukon	3-6-5	393.6	13.24		
Inez Johanna Fayne 584955	D. C. Bostwick, Ardmore	3-6-12	326.6	13.16		
Omit Mona 460377	W. H. England, Ponca City	3-6-1	356.2	12.13		
Korndyke Lou 429272	Ora Royse, El Reno	3-7-25	320.6	11.99		
Irma Grace Charline 261977	Oklahoma A. and M. College, Stillwater	3-8-20	348.0	11.31		
KSP Korndyke De Kol 328820	O. B. Toalson, Bartlesville	3-7-3	341.7	10.67		
Edith Korndyke Ormsby 421218	Ora Royse, El Reno	3-8-18	298.0	10.21		
Junior Three Year Class—						
Walulu Jane 512311	Mrs. J. C. Pontius, Yukon	3-4-19	454.7	20.14		
Oklahoma Queen Walker 673433	O. B. Toalson, Bartlesville	3-1-11	496.9	15.70		
Oklahoma Lady Fayne 277039	O. B. Toalson, Bartlesville	3-4-4	446.0	15.08		
Alsuma Longfield Yima Pontiac 756701	Ross Grosshart, Alsuma	3-0-3	431.8	14.72		
Oklahoma Colantha Josephine 343411	O. B. Toalson, Bartlesville	3-0-25	421.3	13.71		
Oklahoma Susie Segis Fayne 2d 563283	O. B. Toalson, Bartlesville	3-3-18	430.6	13.44		
Oklahoma Aggie Segis Fayne 345871	O. B. Toalson, Bartlesville	3-2-21	345.0	13.06		
Queen Pieterje Lisette Ormsby 433535	W. H. England, Ponca City	3-3-27	410.8	13.03		
Oklahoma Sunny Segis Parthenia 563281	O. B. Toalson, Bartlesville	3-2-29	424.6	12.84		
Oklahoma Fayne Pontiac Nancy 563285	O. B. Toalson, Bartlesville	3-1-13	420.0	12.73		
Aggie Artis Abbecker Pontiac 458283	Mrs. J. C. Pontius, Yukon	3-4-5	401.3	12.63		
Walulu De Kol Fayne 518313	Mrs. J. C. Pontius, Yukon	3-1-1	345.1	12.24		
Tomwill Ormsby Aggie Netherland 383302	T. W. Blackman, Weleka	3-4-25	381.4	11.64		
Dorinda Snowball 2d 345114	W. H. Byron, Bartlesville	3-0-6	385.8	11.51		

A. R. COWS WITH RECORDS MADE IN OKLAHOMA

Holstein-Friesian

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7 Day Division

NAME AND H. B. NUMBER

OWNER

Lbs. Fat

Lbs. Milk

Age

Genevieve Baker De Kol 352555	Oklahoma A. and M. College, Stillwater	3-1-28	378.1	11.36
Fancher Farm Segis Lassie 286020	W. H. Hyron, Bartlesville	3-1-5	324.1	10.70
Pietertje Johanna Pledge Posch 2d 309699	O. B. Toalson, Bartlesville		304.2	9.83
Senior Two Year Class—				
Oklahoma Fayne Segis Abbecker 355421	O. B. Toalson, Bartlesville	2-11-6	474.6	16.32
Isabel Pontiac De Kol Mutual 637884	O. B. Toalson, Bartlesville	2-10-14	430.4	12.97
Yעדלד Mildred De Kol Korndyke 600511	Ora Royse, El Reno	2-6-27	356.1	12.87
Oklahoma Grace Segis 361022	O. B. Toalson, Bartlesville	2-10-25	350.3	12.79
Oklahoma Segis Parthena 343443	O. B. Toalson, Bartlesville	2-6-28	366.2	12.28
Yukon Snowball Pauline 574612	Mrs. J. C. Pontius, Yukon	2-9-14	399.5	12.28
Elsie Lyons Hengerveld 664871	C. E. Griffith, Big Cabin	2-9-7	304.1	11.95
Irene Pontiac Shadeland 261978	Oklahoma A. and M. College, Stillwater	2-7-11	354.7	11.60
Windmoor Pride Johanna Rue 497980	Ora Royse, El Reno	2-7-24	362.8	11.16
Helen Beauty Hengerveld 382235	W. H. England, Ponca City	2-6-3	386.0	11.01
Queen Korndyke Pauline Pietertje 514932	F. B. Baker, Chickasha	2-9-0	366.2	9.48
Manita Rose Mosetta Segis 782827	Walter Lynch, Ponca City	2-9-23	296.3	9.36
Martha Pontiac Korndyke Johanna 473866	Cunningham Brothers, Sulphur	2-10-22	231.1	8.84
Irma Grace Charline 261977	Oklahoma A. and M. College, Stillwater	2-8-26	242.4	8.69
Junior Two Year Class—				
Oklahoma Segis Mercedes Topsy 405191	O. B. Toalson, Bartlesville	2-1-13	427.0	14.85
Oklahoma Segis Johanna 343442	O. B. Toalson, Bartlesville	2-3-27	334.4	14.21
Oklahoma Josephine Sue 409813	O. B. Toalson, Bartlesville	2-2-25	366.8	13.74
Tidy Hulkea Abbecker 674994	Mrs. J. C. Pontius, Yukon	2-0-10	348.3	13.33
Oklahoma Pontiac Betty 673434	O. B. Toalson, Bartlesville	2-4-12	435.9	13.30
Oklahoma Valdessa Fayne 735035	O. B. Toalson, Bartlesville	2-0-21	414.5	13.07
Lady Hulkea Abbecker 574606	Mrs. J. C. Pontius, Yukon	2-1-5	366.4	13.00
Bock Nina Clothilde Segis 679669	S. W. Tulk, Fairfax	2-2-24	348.1	12.85
Oklahoma Segis Josephine 345872	O. B. Toalson, Bartlesville	2-5-10	318.0	12.79
Oklahoma Aaggie Segis Fayne 345871	O. B. Toalson, Bartlesville	2-4-4	324.2	12.76
Oklahoma Fayne Segis Abbecker 355421	O. B. Toalson, Bartlesville	2-0-26	390.4	12.68
Walulu Jane 512311	Mrs. J. C. Pontius, Yukon	2-5-11	329.2	12.44
Bock Casholm Segis Korndyke 679670	S. W. Tulk, Fairfax	2-0-29	352.8	12.28
Maria Pontiac Beets 744126	Ross Grosshart, Alsuma	2-2-5	359.4	12.20
Oklahoma Mercedes Leaflet 563290	O. B. Toalson, Bartlesville	2-1-25	338.9	12.08
Findeme Bellwood Valdessa 677378	Ross Grosshart, Alsuma	2-4-14	339.3	11.65
Yukon Korndyke Pauline 574611	Mrs. J. C. Pontius, Yukon	2-0-0	310.6	11.05
Oklahoma Pontiac Pet 677378	O. B. Toalson, Bartlesville	2-5-14	393.7	10.92
Oklahoma Segis Fayne Abbecker 355418	O. B. Toalson, Bartlesville	2-1-21	275.7	10.63
Oklahoma Segis Fayne Pearl 444309	O. B. Toalson, Bartlesville	2-0-4	314.1	10.54
Oklahoma Segis Josephine Edith 415189	O. B. Toalson, Bartlesville	2-3-7	332.6	10.31

A. R. COWS WITH RECORDS MADE IN OKLAHOMA

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7 Day Division

NAME AND H. B. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Oklahoma Pontiac Pearl 673435	O. B. Toalson, Bartlesville	2-1-3	306.4	10.30
Oklahoma Molly Segis 405190	O. B. Toalson, Bartlesville	2-0-24	252.8	9.77
Genevieve Baker De Kol 352555	Oklahoma A. and M. College, Stillwater	2-1-27	306.7	9.68
Fancher Segis Girl 597744	W. H. England, Ponca City	2-1-29	291.4	9.65
Tomwill Segis Korndyke Beauty 467409	W. R. Graham, Holdenville	2-2-3	295.0	9.59
Oklahoma Vesta Segis 343446	O. B. Toalson, Bartlesville	2-2-22	262.6	9.49
Oklahoma Ureca Paulina 343445	O. B. Toalson, Bartlesville	2-2-17	309.8	9.43
Korndyke Pontiac Susan De Kol 470310	Cunningham Brothers, Sulphur	2-3-4	254.7	9.19
Oklahoma Susie Segis Fayne 2d 563283	O. B. Toalson, Bartlesville	2-0-16	252.3	9.17
Yukon Slippery Pauline 577795	Mrs. J. C. Pontius, Yukon	2-3-7	251.0	9.11
Johanna Pontiac Segis Korndyke 599030	O. B. Toalson, Bartlesville	2-0-8	264.4	8.72
Lady Hengerveld Pride Alcartra 505175	Cunningham Brothers, Sulphur	2-3-21	196.9	8.40
Oklahoma Pontiac Colantha 673432	O. B. Toalson, Bartlesville	2-2-12	223.4	8.30
Luna Mercedes Posch 497002	Cunningham Brothers, Sulphur	2-1-15	266.8	8.24
Beauty Ormsby Lilith Lass 486472	Cunningham Brothers, Sulphur	2-1-22	234.0	8.16
Fancher Farm Aggie Bess 2d 366225	W. H. Byron, Bartlesville	2-2-24	249.8	8.11
Senior Yearling Class—				
Fancher Farm Princess Pauline 366227	W. H. Byron, Bartlesville	1-9-29	335.4	13.27
Oklahoma Fayne Julia 563294	O. B. Toalson, Bartlesville	1-10-26	343.6	12.14
Oklahoma Fayne Pontiac Nancy 563285	O. B. Toalson, Bartlesville	1-11-21	327.5	11.60
Yukon Snowball Pauline 574612	Mrs. J. C. Pontius, Yukon	1-11-16	299.0	11.27
Oklahoma Segis Colantha Buttercup 563293	O. B. Toalson, Bartlesville	1-11-11	328.6	11.09
Oklahoma Tulip De Kol 440967	O. B. Toalson, Bartlesville	1-10-29	304.8	10.62
Oklahoma Segis Fayne Hulda 440966	O. B. Toalson, Bartlesville	1-11-5	307.6	10.32
Pearl Walker Segis 748418	C. E. Griffith, Big Cabin	1-9-23	271.0	10.24
Oklahoma Pontiac Segis Sarah 582524	O. B. Toalson, Bartlesville	1-9-10	266.5	10.19
Isabelle Pontiac De Kol Mutual 637884	O. B. Toalson, Bartlesville	1-9-6	271.2	9.89
Korndyke Pontiac Theresa 597742	W. H. England, Ponca City	1-9-23	271.9	9.87
Princess Tilly Abbecker 674996	Mrs. J. C. Pontius, Yukon	1-11-19	271.5	9.09
Yukon Fryslow Ollie Abbecker 674993	Mrs. J. C. Pontius, Yukon	1-9-9	256.1	8.52
Jewell Korndyke Veeman 345079	Ellis Owen, Ponca City	1-9-18	235.7	8.26
Lady Alice Korndyke Veeman 345077	Ellis Owen, Ponca City	1-9-17	273.1	7.79

Jersey

Records to January 1, 1925

NAME AND H. R. NUMBER

NAME AND H. R. NUMBER	OWNER	Class	Age	Lbs. Milk	Lbs. Fat
Knights Annabell Countess 510173	J. M. Kennedy, El Reno	Two Years—	1-10	7792	429.58
Martha Washington's Fairy Queen 329461	G. T. Braden, Tulsa	Two Years—	1-11	7786	426.80
Fern's Beulah Belle 502172	J. M. Kennedy, El Reno	Two Years—	1-8	6891	378.44
Valentine's Raleigh's Queen 341567	G. T. Braden, Tulsa	Two Years—	1-11	7647	372.29
Raleigh's Oklahoma 511014	Dukes Sanitarium, Guthrie	Two Years—	1-11	6773	346.15
Beulah Belle's Jersey Fern 483309	J. M. Kennedy, El Reno	Two Years—	1-11	6013	334.01
Mollie's Lakewood Lass 442346	A. T. May	Two Years—	1-9	6337	321.92
Jap's Pogs Buttercup 484763	Thomas D. Shearer, Muskogee	Two Years—	1-9	5912	278.00
Agnes' Mary Isabel 476744	G. T. Braden, Tulsa	Two Years—	1-5	4633	275.42
Cramwood Marion 490028	Dr. H. C. Groff, Cushing	Two Years—	2-1	9587	475.17
Rose Fern Einer 268529	Oklahoma A. and M. College, Stillwater	Two Years—	2-1	7301	399.00
Rose Fern Aileen 282809	Oklahoma A. and M. College, Stillwater	Two Years—	2-2	8287	396.40
Camboge's Bissona 483358	Summit Farms, Muskogee	Two Years—	2-5	6375	369.04
Matilda's Lady Pogs 448113	Harris & Patterson, Muskogee	Two Years—	2-2	6192	354.96
Majesty's Little Princess 352858	A. G. Stevens, Coffeyville	Two Years—	2-0	5940	352.01
Sophia's White Sox's Viola 483356	Thomas D. Shearer, Muskogee	Two Years—	2-0	6855	335.01
Prince's Queen Blossom 489375	Summit Farms, Muskogee	Two Years—	2-1	6125	325.89
Nobie's Rural Daisy 357748	Fansher Bros., Edmond	Two Years—	2-0	5258	324.15
Esther's Rhea 475727	Summit Farms, Muskogee	Two Years—	2-3	5732	320.36
Adelina's Fairy Glen 5th 464871	Summit Farms, Muskogee	Two Years—	2-3	5720	315.22
Fern's Lady Oxford 417332	A. G. Stevens, Coffeyville	Two Years—	2-2	5668	309.76
Brighton Lad's Gem 284184	Oklahoma State Hospital, Norman	Two Years—	2-2	5800	301.90
Golden Tiddlywinks 472159	Oklahoma A. and M. College, Stillwater	Two Years—	2-2	5459	297.00
Rosebud's Alma Fern 475304	G. T. Braden, Tulsa	Two Years—	2-0	5379	269.08
Scitnates Lady Lucy 504755	Harry Marsh, El Reno	Two Years—	2-3	4597	261.90
Napoleon's Rose Fern 327146	Senior Two Year Old—	Two Years—	2-6	11220	611.46
Hermis's Aileen 459432	Oklahoma A. and M. College, Stillwater	Two Years—	2-10	9312	492.59
Paisy's Goldie 2d 324968	Oklahoma A. and M. College, Stillwater	Two Years—	2-7	9000	442.15
Oxford Mary Rosette 452127	Harry Marsh, El Reno	Two Years—	2-6	8267	421.08
Distinction's Jessie Hope 493332	G. T. Braden, Tulsa	Two Years—	2-1	7843	405.68
Prince's Spotted Lucy 434992	S. H. Bell, El Reno	Two Years—	2-11	6494	381.67
Princess Dolly Maid 448825	Dukes Sanitarium, Guthrie	Two Years—	2-7	7203	338.46
Toronto's Silverline 425689	Harry Marsh, El Reno	Two Years—	2-10	5996	331.08
Handsome Fox's Susan 287942	Oklahoma State Hospital, Norman	Two Years—	2-11	6079	301.91
Invicta 2d 481647	G. T. Braden, Tulsa	Two Years—	2-6	6091	280.21
Oxford's Gamboe Queenie 303313	Junior Three Year Old—	Two Years—	3-3	7772	468.29
Jolly Duke's Ruthie 422643	G. T. Braden, Tulsa	Two Years—	3-3	8027	459.80
Eminett's Beth 241288	J. M. Kennedy, El Reno	Two Years—	3-5	8923	438.10
Raleigh's Jersey Maid 455066	Oklahoma A. and M. College, Stillwater	Two Years—	3-5	8923	438.10
	Fansher Bros., Edmond	Two Years—	3-0	7775	421.75

REGISTER OF MERIT COWS IN OKLAHOMA

Jersey

Records to January 1, 1925

NAME AND H. R. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Gamboge's Fern Belle 310828	G. T. Braden, Tulsa	3-4	7229	410.93
Baronette's Shamrock Pet 467842	Smith Hill Jersey Co., Guthrie	3-1 A	7756	406.04
Interested Financial Fern 415621	Seth H. Bell, El Reno	3-0	6622	405.82
Majesty's Nancy Fern 472984	Smith and Richardson, Stillwater	3-5 AAA	8155	392.19
Commodore's Dora 362591	A. G. Stevens, Coffeyville	3-1	6368	362.51
Beauty's Golden Locks 323277	G. T. Braden, Tulsa	3-3	6279	359.30
Majesty's Pearlletta 493328	G. T. Braden, Tulsa	3-1	5936	333.07
He'll Do's Sunbeam 455529	Harris & Patterson, Muskogee	3-3	6966	351.39
Lady Ella's Rosebud 466742	G. T. Braden, Tulsa	3-1	6647	346.42
Merry Maiden's Prairie Maid 392495	A. G. Stevens, Coffeyville	3-3	5497	340.27
Golden Tiddleywinks 472159	Oklahoma A. and M. College, Stillwater	3-2 AAA	5754	302.58
Napoleon's College Aileen 325135	Senior Three Year Old— Oklahoma A. and M. College, Stillwater	3-9	12504	626.81
Promising Florence 2d 410844	G. T. Braden, Tulsa	3-10	9819	495.75
Hermits Aileen 459432	Oklahoma A. and M. College, Stillwater	3-7 AA	8684	476.88
Owl's Boom 303384	Oklahoma A. and M. College, Stillwater	3-10	9520	407.41
He'll Do's Fancy 455528	Harris & Patterson, Muskogee	3-7	7779	406.50
You'll Do Genida 498036	G. T. Braden, Tulsa	3-9	6607	392.87
Noble's Champion Lily 315229	Fansher Bros., Edmond	3-11	6343	364.17
He'll Do's Dolly 381675	Junior Four Year Old— Harris & Patterson, Muskogee	4-0	9783.0	530.69
Majesty's Little Princess 352258	A. G. Stevens, Coffeyville, Kan.	4-1	8274.0	493.18
Financial Quita 403838	A. G. Stevens, Coffeyville, Kan.	4-4	9118.0	490.28
Napoleon's Aileen 312256	Oklahoma A. and M. College, Stillwater	4-0	8961.3	473.37
Janet Carter 244754	Oklahoma A. and M. College, Stillwater	4-0	8113.8	443.10
Lady Gem B. 294563	G. T. Braden, Tulsa	4-5	7155.0	431.40
Tiona's Dorothy 430692	A. G. Stevens, Coffeyville, Kan.	4-1	7016.0	421.46
Mon Plaisir's Jane Pedro 452442	S. H. Bell, El Reno	4-3	8021.0	374.78
Rose Fern Lady 312255	Oklahoma A. and M. College, Stillwater	4-1	7548.4	371.92
He'll Do's Queen 401050	Harris & Patterson, Muskogee	4-5	7872.0	360.47
He'll Do's Reminder 409092	J. B. Harris, Muskogee	4-4 A	6350.0	356.07
White Sox's Viola 402497	Harris & Patterson, Muskogee	4-4	6344.0	343.52
Viola's Golden Honey Bee 257145	Oklahoma State Hospital, Norman	4-3	6033.8	334.15
Oxforde Mary Rosette 452127	Senior Four Year Old— S. H. Bell, El Reno	4-9	13321	628.93
Napoleon's Rose Fern 327146	Oklahoma A. and M. College, Stillwater	4-11	9667	533.11
Financial Countess Lassie 355598	Fansher Bros., Edmond	4-9	7069.4	405.97
Oxforde Matilda Jolly 405908	Harris and Patterson, Muskogee	4-8 AA	6657.0	389.08
Jane Inez 289038	Fansher Bros., Edmond	4-8	7173.3	383.63
Fox's Baby Bess 290811	Oklahoma A. and M. College, Stillwater	4-8	7671.9	371.34
Fontaine's Kitty Boom 243345	Oklahoma State Hospital, Norman	4-9	7946.9	366.60
Oxford's Jennie W. 329704	Oklahoma State Hospital, Norman	4-7	7219.0	363.08

Jersey

Records to January 1, 1925

NAME AND H. R. NUMBER

OWNER

Over Five Years Old—

NAME AND H. R. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
Rose Fern Elner 268529	Oklahoma A. and M. College, Stillwater	5-5	12931.8	662.79
Nora Romps Carnation 359409	Oklahoma A. and M. College, Stillwater	7-0	12225.0	655.53
Valentine's Raleigh's Belva 323347	G. T. Braden, Tulsa	6-1	12549.0	605.63
Rose Fern Aileen 282809	Oklahoma A. and M. College, Stillwater	5-3	12925.3	580.16
Lady Hermit 238350	Oklahoma State Hospital, Norman	6-5	11402.0	576.50
Rose Fern Aileen 282809	Oklahoma A. and M. College, Stillwater	7-6	12503.0	570.18
Fern's Lily 197871	Oklahoma State Hospital, Norman	9-10	11175.0	568.80
Great Bend Tormentor 326863	Dukes Sanitarium, Guthrie	10-9	10496.0	558.2
Lucy's Annetta 399797	Harry Marsh, El Reno	10-9	10406.0	553.46
Overlook's Warder Lily 319325	G. T. Braden, Tulsa	6-5	8871.0	552.07
Noble's R's Financial Fancy 295306	Summit Farms, Muskogee	11-3	10433.0	550.66
Zi Zi of Elmendorf 280848	G. T. Braden, Tulsa	4-8	9112.2	543.54
Eldorado's Katydid 372345	G. T. Braden, Tulsa	6-2	9496.0	520.98
Golden Lady's Poppy 425771	G. T. Braden, Tulsa	6-6	9956.0	521.81
Stockwell's Proud Beauty 243638	G. T. Braden, Tulsa	6-7	9495.0	520.98
Golden Lad's Pridalia 230809	G. T. Braden, Tulsa	8-1	9249.0	516.20
Rose Fern Elner 768529	Oklahoma A. and M. College, Stillwater	7-6	9507.2	507.88
Diamond Lillian 200812	J. E. Jones, Nowata	8-7	11530.2	505.40
Fox's Jolly Girl 247388	Oklahoma A. and M. College, Stillwater	10-11	7898.0	497.33
Fern's Mintie 211262	Oklahoma State Hospital, Norman	8-0	10844.4	496.40
Daisy of Pear Grove 385012	Summit Farms, Muskogee	6-3	9403.0	495.59
Muskogee Princess 348126	Oklahoma A. and M. College, Stillwater	7-0	10376.0	492.70
Fern's Pearlletta 246383	Oklahoma State Hospital, Norman	8-6	10334.8	486.90
He'll Do's Rosebud 381673	Summit Farms, Muskogee	5-10	9354.0	475.04
Melline's Lass 259010	G. T. Braden, Tulsa	5-9	8280.8	467.24
Sea Lily of Belmont 351227	G. T. Braden, Tulsa	7-5	8413.0	463.84
Eldorado's Lady Senator 379091	Harris & Patterson, Muskogee	6-7	8098.0	439.96
Eminent's Cream Bessie 277057	G. T. Braden, Tulsa	6-4	8437.9	451.50
Pansy Moses 196091	Oklahoma State Hospital, Norman	8-10	10402.3	442.10
Napoleon's Rose Fern 327146	Oklahoma A. and M. College, Stillwater	7-11	7324.0	442.04
Eminent Earl's Goo Goo 396824	Oklahoma A. and M. College, Stillwater	6-8	7986.0	440.37
Noble Raleigh's La Veta 328482	Fansher Brothers, Edmond	7-10	7844.4	439.81
Fern's Phillippa 271124	G. T. Braden, Tulsa	5-1	7753.0	437.76
Financials Noble's Maid 349854	Oklahoma A. and M. College, Stillwater	6-0	9182	435.28
Viola's Jolly Brookhill Rose 254648	G. T. Braden, Tulsa	6-3	7283.9	431.32
Monica's Princess 234183	Oklahoma State Hospital, Norman	7-6	6716.5	430.40
Imp's Golden Jewell 356919	Dan Diehl, Stillwater	6-6	7443	426.24
Carrie Gordon's Best 209468	Oklahoma A. and M. College, Stillwater	5-4	8482.8	421.70
Tormandy's Lily 2nd 277045	Fansher Brothers, Edmond	9-9	7864.1	420.12
Eldorado's Lady Senator 379091	Summit Farms, Muskogee	6-7	8098	415.96
Susan's Opal 230582	Harris and Patterson, Muskogee	12-9	8072	414.24
Fox's Lady B 448823	Oklahoma State Hospital, Norman	6-1	6499	413.26
Fox's Owaneco 209471	Oklahoma A. and M. College, Stillwater	5-10	7799.0	409.90

REGISTER OF MERIT COWS IN OKLAHOMA

Jersey

Records to January 1, 1925

NAME AND H. R. NUMBER	OWNER	Age	Lbs. Milk	Lbs. Fat
	Over Five Years Old—			
Sultan's Lucy Liza 255360	G. T. Braden, Tulsa	6-11	8744.5	407.52
Fern's Precious Lass 349954	G. T. Braden, Tulsa	5-11	8141.0	406.56
Comba's Beauty 2nd 258596	A. G. Stevens, Coffeyville, Kan.	8-10	6955.1	404.69
Lady Vermonia's Safay 291468	G. T. Braden, Tulsa	9-6	7617.3	404.37
Mona's Brassy 198991	Oklahoma A. and M. College, Stillwater	7-3	7919.8	401.80
Oxford Ida's Lady 394900	A. G. Stevens, Coffeyville, Kan.	5-2	7797.0	398.06
Brigadier's Golden Lass 404974	Fansher Brothers, Edmond	5-7	8352.3	397.61
Romulus Golden Carmen 219202	Oklahoma State Hospital, Norman	5-8	7302.8	396.10
Cuenon's Russie 201952	Oklahoma State Hospital, Norman	9-1	6877.3	389.70
Fontaine's Zelrose 243538	Oklahoma A. and M. College, Stillwater	7-0	6353.9	387.56
Golden King's Kate 218304	Oklahoma A. and M. College, Stillwater	6-7	7008.1	372.40
Fern's Golden Grace 244414	Oklahoma State Hospital, Norman	12-4	7037.0	372.05
Florinna's Lucy 238344	Oklahoma State Hospital, Norman	6-11	7364.4	371.90
Commodore's Pearl 363430	Fansher Brothers, Edmond	7-7	7932.0	371.41
Josephine Crow 340281	I. M. Kennedy, El Reno	6-11	6645.0	369.01
Viola's Blue Bell 264737	G. T. Braden, Tulsa	6-1	6410.3	368.94
Minnie Fern 240283	I. M. Kennedy, El Reno	7-3 A	6208.0	368.07
Houp-La's Miss Majesty 389735	A. G. Stevens, Coffeyville, Kan.	6-7	6750.0	361.56
Tweedledum's Riottress of S. H. F. 291364	G. T. Braden, Tulsa	5-7	6262.5	365.50

SUPPLEMENTARY LIST
A. R. COWS WITH RECORDS MADE IN OKLAHOMA
Records January, 1925 to January, 1926

Holstein-Friesian

365 Day Division

NAME AND H. B. NUMBER

	Mature Class— OWNER	Age	Lbs. Milk	Lbs. Fat
Maid Pontiac Korndyke 308095	J. M. Kennedy, El Reno	8-5-8	15358.3	596.29
Rose Hall Bessie Polkadot 548504	J. M. Kennedy, El Reno	4-6-24	15382.7	505.97
Countess Watson Parthena 833277	Bureau of Dairying, Woodward	2-3-22	14269.2	473.16
Ormsby Piebe Caroline 840184	Bureau of Dairying, Woodward	2-4-15	12423.2	428.19
Ormsby Cornucopia Princess 771058	Bureau of Dairying, Woodward	2-1-25	12164.8	370.61
Netherland Segis Bell Fosch 726925	Oklahoma A. and M. College, Stillwater	2-2-20	10060.2	332.19

305 Day Division

	Senior Four Year Class— J. M. Kennedy, El Reno	Age	Lbs. Milk	Lbs. Fat
Rose Hall Bessie Polkadot 548504	J. M. Kennedy, El Reno	4-6-24 (cc 237d)	14946.9	487.93
Mutual Model Vale 472988	J. M. Kennedy, El Reno	4-10-8 (cc 216d)	13993.9	469.23
Dingle Dine Hengerveld 776092	J. M. Kennedy, El Reno	2-2-15 (cc 254d)	10485.5	346.10

7 Day Division

	Mature Class—	Age	Lbs. Milk	Lbs. Fat
Lady Dutchland Creamelle 577507	E. Griffith, Big Cabin	6-9-15	539.5	21.73
Aaggie Buckeye Beauty 605990	C. E. Griffith, Big Cabin	6-1-0	531.2	18.09
Queen Beuchler Korndyke 541767	C. E. Griffith, Big Cabin	6-8-13	509.5	17.98
Blanche DeKol Korndyke Nudine 444596	C. E. Griffith, Big Cabin	7-2-8	542.6	16.10
Win-A-Home DeKol Homestead 828453	C. E. Griffith, Big Cabin	4-1-28	512.3	19.32
Princess Abbecker Ormsby Piebe 627948	C. E. Griffith, Big Cabin	4-3-5	639.8	17.48
Miss Walker Beauty Beets 769130	C. E. Griffith, Big Cabin	3-5-19	588.0	19.07
Pearl Walker Segis 2d 748418	C. E. Griffith, Big Cabin	3-4-22	328.1	14.25
Piebe Segis Beets Pontiac 858451	C. E. Griffith, Big Cabin	2-7-11	550.8	17.81
Aaggie Buckeye Beauty 2d 896599	C. E. Griffith, Big Cabin	2-7-5	405.1	14.24
Mount Riga Piebe Segis 920635	C. E. Griffith, Big Cabin	2-5-3	386.7	14.99
M. B. B. White Joharna 847699	C. E. Griffith, Big Cabin	2-3-1	327.0	12.15

REGISTER OF MERIT COWS IN OKLAHOMA

Records January, 1925 to January, 1926

NAME AND H. R. NUMBER	Jersey		Age	Lbs. Milk	Lbs. Fat
	OWNER	Class			
Bettina's Velma 551297	J. M. Kennedy, El Reno	Class I Cows Under Two Years—	1-11 AA	6346.00	366.11
Golden Tulip's Queen 548354	J. M. Kennedy, El Reno	Junior Two Year Old—			
Hermit's Oklahoma Aileen 524784	J. M. Kennedy, El Reno	Junior Two Year Old—	2-0 AA	5311.00	307.35
Fern's Beulah Belle 502712	Oklahoma A. and M. College, Stillwater	Senior Two Year Old—	2-2 AAA	5212.00	271.78
Cramwood Marion 490025	J. M. Kennedy, El Reno	Junior Three Year Old—	2-8 A	8524.00	473.36
Noble's Bettina 479769	H. C. Groff, Cushing	Senior Three Year Old—	3-5	11285.00	578.69
Fern's Pretty Goldenrod 495010	J. M. Kennedy, El Reno	Junior Four Year Old—	3-11	9406.00	524.19
Mon Plaisir's Babina 576321	S. H. Bell, El Reno	Duke's Sanitarium, Guthrie	3-6 AA	6942.00	365.11
Fern's Imported Duke's Sylvia 550945	A. Condry, Berwyn	Over Five Years Old—	4-4 A	11648.00	533.10
Oxford's Pretty Romance 460947	Oklahoma A. and M. College, Stillwater		4-5 AAA	7693.00	461.88
Hermit's Aileen 459432	Oklahoma A. and M. College, Stillwater		4-4 AA	8204.00	425.43
Fox's Jolly Girl 247388	J. M. Kennedy, El Reno		5-1 AA	12462.00	610.36
Duke's Christmas Rose 576434	J. M. Kennedy, El Reno		13-3	11594.00	600.58
Jolly Duke's Ruthie 422643	J. M. Kennedy, El Reno		6-8 AA	11172.00	575.16
Romance's Golden Fern 399471	A. Condry, Berwyn		5-10 AA	11281.00	567.80
			7-8 AAA	7644.00	369.01

ADVANCED REGISTRY FEEDING

All dairy cows inherit a milk production capacity which can be brought out and allowed to develop only by proper care and feeding. In making advanced registry records we wish the cow to produce to her full capacity, and thus a liberal supply of good feed should be at hand. Preparation for advanced registry testing should begin long before the test is to start. The cow should be bred so as to freshen at the proper time; preferably in the fall for long time tests, and in cold winter weather for short time tests.

After the cow is bred to freshen at the proper time, the next step in our preparation should be to see that she is dried up in time to recuperate from the strain of her previous lactation. It is also best to have her come off of her previous lactation in fair flesh. See that she is dried off properly about two months before she is due to freshen. When you are sure she is dry, begin the fitting. Two methods are in use by the experienced breeders; one in which the cow is prepared for a short time official test; the other where the cow is prepared for the long time or yearly test. For the short time official test, it is desirable to put a covering of soft fat on the cow. This is done in a shorter time than fitting for a long time test, the idea of soft fitting being to put fat on that can be taken off rapidly, the ration best for this being one high in carbohydrates. Some of these practices seem unfair. The records are not much of an indication of what the cow will do in a year, but the majority of breeders follow these practices, and we must do the same if we intend to compete with them.

For the long time test a harder fat is more desirable than the soft fat, for we want the fat to come off gradually. For this purpose a high protein ration is best, but not so high in protein as the mixture fed the cow while on test. In fitting for either one of these tests, the grain should be fed heavily. A good sized cow will consume from twenty to twenty-five pounds a day along with good legume hay and silage or beets. Discontinue the fitting ration about ten days before the cow is due to calve and feed a ration of bran and ground oats. The feed can be reduced considerably now, and a day or two before she freshens, just a bran mash will do for the grain feed. It will serve as a good laxative and keep the cow's bowels in good condition at calving time. After the cow calves, a light mixture of bran and ground oats will be well for the first few days. If the udder is caked, it will be well to feed this mixture a little longer. Change to a different mixture as soon as practicable, and feed lightly. Heavy feeding is practiced by some for short time tests, but light feeding will get good results to start with in both short and long time tests. Silage should be withheld a few days before calving time and as long after calving as there is much cake in the udder.

For long time tests the cow should be brought to her milk slowly. This should take from four to six weeks. When she does get to her highest production she will hold it longer than if brought to her milk too rapidly. After she has held a steady high production for about a week then the grain can be fed more heavily until no increase in milk follows a rise in grain. Hold her at this amount of grain until she declines in milk flow. Follow each drop in milk flow with a slight drop in grain until the end of the lactation period. This will enable the cow to produce her maximum and finish her test in good flesh. Alfalfa is considered the best legume hay to feed with either silage or beets for succulence. Where neither silage nor beets can be obtained, many feed wet beet pulp mixed with a little molasses. These feeds supplemented by some good pasture and good care will generally get the maximum production from the cow.

